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DIALOG(R)File 352:Derwent WPI
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012411611 **Image available**

WPI Acc No: 1999-217719/199919

Related WPI Acc No: 1999-208835

XRAM Acc No: C99-064263

Cerebral function improving agents - contain saponin compounds obtainable
from *Polygala tenuifolia* Willd. and *Polygala senega* L., stimulate
production of nerve growth factor

Patent Assignee: KITASATO KENKYUSHO SH (KITA)

Number of Countries: 001 Number of Patents: 001

Patent Family:

| Patent No | Kind | Date | Applicat No | Kind | Date | Week |
|-------------|------|----------|-------------|------|----------|----------|
| JP 11043440 | A | 19990216 | JP 97202718 | A | 19970729 | 199919 B |

Priority Applications (No Type Date): JP 97202718 A 19970729

Patent Details:

| Patent No | Kind | Lan | Pg | Main IPC | Filing Notes |
|-------------|------|-----|----|--------------|--------------|
| JP 11043440 | A | | 13 | A61K-031/705 | |

Abstract (Basic): JP 11043440 A

Cerebral function improving agents contain at least 2 or more
effective ingredients of formula (I)-(V), particularly prepared from
Polygala tenuifolia Willd. and *Polygala senega* L. For (I): T = a group
of formula (i); R = a group of formula (a); R1 = a group of formula
(b); and R2 = a group of formula (c); for (II): T = group (i); R =
group (a); R1 = group (b); and R2 = H; for (III): T = group (i); R = a
group of formula (d); and R1 = R2 = H; for (IV): T = a group of formula
(ii); R = group (d); R1 = a group of formula (e); and for (V): T =
group (ii); R = group (d); and R1 = H.

USE - The compounds stimulate production of nerve growth factor
(NGF) and are expected to be useful for treating Alzheimer's disease
and senile dementia.

Dwg.0/4

Title Terms: CEREBRAL; FUNCTION; IMPROVE; AGENT; CONTAIN; SAPONIN; COMPOUND
; OBTAIN; SENEGA; STIMULATING; PRODUCE; NERVE; GROWTH; FACTOR

Derwent Class: B03

International Patent Class (Main): A61K-031/705

International Patent Class (Additional): A61K-035/78; C07H-015/256

File Segment: CPI